

FORM PTO-1390 (REV. 01-2003) <b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER 128350
INTERNATIONAL APPLICATION NO. PCT/EP2004/014800		INTERNATIONAL FILING DATE December 29, 2004
U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/583,155		
PRIORITY DATE CLAIMED January 7, 2004		
TITLE OF INVENTION FLOW VALVE AND FLOW DISTRIBUTOR COMPRISING SEVERAL FLOW VALVES		
APPLICANT(S) FOR DO/EO/US Karl KRUG-KUSSIUS		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> <li>c. <input type="checkbox"/> The International Application was filed in English.</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input type="checkbox"/> Other items or information:</li> </ol>		

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/583,155		INTERNATIONAL APPLICATION NO. PCT/EP2004/014800		ATTORNEY'S DOCKET NUMBER 128350	
21. <input type="checkbox"/> The following fees are submitted:				CALCULATIONS PTO USE ONLY	
<b>BASIC NATIONAL FEE (37 CFR 1.492(a)):</b> ..... \$ 300.00				\$	
<b>SEARCH FEE (37 CFR 1.492(b)(1)-(3)):</b>  International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase ..... \$ 0.00				\$	
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA ..... \$ 100.00					
International search report provided to USPTO no later than the time at which the search fee is paid ..... \$ 400.00					
All situations not provided for above ..... \$ 500.00					
<b>EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):</b>  International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase ..... \$ 0.00				\$	
All situations not provided for above ..... \$ 200.00					
Surcharge of <b>\$130.00</b> for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national phase (37 CFR 1.492(h)).				\$	
<b>APPLICATION SIZE FEE</b> Total pages - 100 =		$\div 50$	$= \uparrow$	$\times 250 =$	\$
round up to next integer					
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	\$
TOTAL CLAIMS		- 20	=	$\times 50.00 =$	\$
INDEPENDENT CLAIMS		- 3	=	$\times 200.00 =$	\$
MULTIPLE DEPENDENT CLAIM(S)(if applicable)				$+ 360.00 =$	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>					\$
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $\frac{1}{2}$ .					\$
<b>SUBTOTAL =</b>					\$
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$
<b>TOTAL NATIONAL FEE =</b>					\$
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +					\$
<b>TOTAL FEES ENCLOSED =</b>					\$
Amount to be refunded: \$ charged: \$					
a. <input type="checkbox"/> Check No. in the amount of \$ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944					
 NAME: James A. Oliff REGISTRATION NUMBER: 27,075					
Date <u>September 18, 2006</u> NAME: Randi B. Isaacs REGISTRATION NUMBER: 56,046					

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Karl KRUG-KUSSIUS

Application No.: 10/583,155

Filed: July 3, 2006

Docket No.: 128350

For: FLOW VALVE AND FLOW DISTRIBUTOR COMPRISING SEVERAL FLOW VALVES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. One or more reference cited herein was cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. See References 5-8 and 9-13.
- 3. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 4. An English language Abstract of one or more non-English language reference is attached hereto. See References 5-9 and 13.
- 5. References 2, 3 and 4 correspond to references 8, 7 and 9, respectively.

6. EP 0 958 455A cited in the International Search Report, which is no longer available in printed format, corresponds reference 9.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Randi B. Isaacs  
Registration No. 56,046

JAO:RBI/ejw

Date: September 18, 2006

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<b>DEPOSIT ACCOUNT USE AUTHORIZATION</b> Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
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Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 128350	APPLICATION NO. 10/583,155		
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		APPLICANT(S) Karl KRUG-KUSSIUS				
		FILING DATE July 3, 2006				
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Name		
	1	5,460,000	10/24/1995	KROPP		
	2	5,752,384	05/19/1998	SCHMITT et al.		
	3	6,367,365 B1	04/09/2002	WEICKERT et al.		
	4	6,289,675 B2	09/18/2001	KUO et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
	5	DE 100 58 032 A1	05/29/2002	Germany	X	
	6	DE 195 31 497 A1	02/27/1997	Germany	X	
	7	WO 00/00747	01/06/2000	WIPO	X	
	8	WO 95/32364	11/30/1995	WIPO	X	
	9	WO 98/34031	08/06/1998	WIPO	X	
	10	EP 1 088 995 A1	04/04/2001	Europe		
	11	DE 12 22 376	08/04/1966	Germany		
	12	DE 93 18 522 U1	12/03/1993	Germany		
	13	DE 22 60 457	06/12/1974	Germany	X	
OTHER DOCUMENTS						
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)				
EXAMINER						DATE CONSIDERED